11/9/83 S 5010-1 (U) a

1982 Nevada Agricultural Statistics

BEST AVAILABLE COPY

RICHARD H. BRYAN
GOVERNOR

STATE BOARD OF AGRICULTURE
JOHN H. RAETZ, CHAIRMAN
STEPHEN H. BOUGON
DON J. DAVIS
FREDERICK W. DRESSLER
DAVID H. FULSTONE II
LOUIE A. GUAZZINI, JR.
HAROLD W. HALL
DONNELL J. RICHARDS
ROBERT E. WRIGHT

THOMAS W. BALLOW, EXECUTIVE DIRECTOR
JACK N. ARMSTRONG, D.V.M., DIRECTOR
DIVISION OF ANIMAL INDUSTRY
PHILLIP C. MARTINELLI, DIRECTOR
DIVISION OF PLANT INDUSTRY
STEPHEN J. MAHONEY, DIRECTOR
DIVISION OF BRAND INSPECTION

STATE OF NEVADA
DEPARTMENT OF AGRICULTURE
350 CAPITOL HILL AVENUE, RENO, NEVADA 89502
(MAILING ADDRESS—P.O. BOX 11100, RENO, NEVADA 89510-1100)
TELEPHONE (702) 789-0180

"TO THOSE WHO ARE INTERESTED IN NEVADA'S AGRICULTURAL ECONOMY"

Each year, the Nevada State Department of Agriculture, in cooperation with the United States Department of Agriculture, Statistical Reporting Service, and the Division of Agriculture and Resource Economics, University of Nevada, has the responsibility of making available to the people of the State of Nevada current statistics on the State's agricultural industry.

It is my privilege, as Executive Director of the Department of Agriculture, to present this annual report, entitled 1982 Nevada Agricultural Statistics, for those interested in our agricultural economy.

An addition to this year's statistical report is the aerial and ground pest control summary compiled by the department. We hope this proves to be informative to the agricultural community. In addition, this publication contains information on farm acreage, production patterns, weather data and crop incomes that will be helpful to many.

Many of the department's requests are for information on acreage and production of Nevada crops and livestock. This publication helps answer those requests.

We hope that the information contained in this publication will be informative and provide a greater understanding and appreciation of the State's agriculture.

Sincerely,

Thomas W. Ballow
Executive Director

NEVADA CROP AND LIVESTOCK REPORTING SERVICE

U. S. Dept. of Agriculture
Statistical Reporting Service

Cooperating with

Div of Agr & Resource Econ, U of Nev
and
Nevada State Dept. of Agriculture

Max C. Fleischmann Agricultural Building, Rm 232, Reno, Nevada 89557

FOREWORD

This Annual report presents a summary of Crops, Livestock, Prices and related agricultural data for 1982 with comparisons for recent years. Early season forecasts and preliminary estimates are issued currently during the year by the Nevada Crop and Livestock Reporting Service.

The information presented is part of a continuing cooperative project of the United States Department of Agriculture, Statistical Reporting Service, the University of Nevada and the Nevada State Department of Agriculture to provide the best possible statistical picture of Nevada's agriculture.

Our thanks go to the Nevada ranchers and farmers, agri business, County Extension Agents and other Federal, State and local agencies who contributed statistical data that makes up this publication.

Charles Drain
State Statistician

Peter Dale Weber
Agricultural Statistician

TABLE OF CONTENTS

Acreage Production and Value	2
Alfalfa Seed Summary	8
Barley Summary	7
Cash Receipts From Farm Marketings	35
Cattle and Calves by Counties	24
Cattle on Feed	25
Chickens and Eggs, Production, Value	33
Crop Summary	2,3
Crop Values	2
Dairy Products Manufactured	31
Dairy Summary	30
Farm Income	36
Farm Values	24
Feed Operations-Number and Size	25
Fertilizer Consumption	35
Garlic Summary	8
Hay Summary	4
Honey and Bees	32
Land in Farms and Ranches	1
Livestock Inventory	26
Livestock on Farms	23
Livestock Production and Income	27
Livestock Slaughter	29
Livestock Specie Farms-Number	1
Livestock Values	23
Milk	
Cows, Farm Value, Marketing Receipts	30
Fat Test	31
Milk Cows and Production	32
Milk Per Cow, Production, Utilization	30
Number of Farms	1
Onion Summary	8
Pesticide Use (Aerial Application) 1982	
Alfalfa Hay	11,12
Alfalfa Seed	12,13
Barley, Clover, Corn, Ditches	14
Garlic, Grain, Mint, Mosquitoes	15
Non-Cropland, Oats, Onions, Pasture	16
Potatoes	17
Rangeland, Rye, Wheat	18
Pesticide Use (Ground Application) 1982	
Alfalfa Hay, Apples, Barley, Corn, Ditches	19
Fallow Ground, Grain, Oats, Pasture,	20
Potatoes, Railroads	20
Roadways, Safflower, Sudan Grass, Wheat	21
Prices Paid-Feed	35
Prices Received	34
Production Expenses	36
Range and Pasture Condition	25
Sheep and Lambs on Farms and Ranches	28
Spring Wheat Summary	6
Temperatures and Precipitation	10
Usual Planting and Harvesting Dates	22
Weather Summary	9,10
Winter Wheat Summary	5
Wool Production and Value	28

9-83-700

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1982, at the 2,900 level, was down from a year earlier by the new definition. The new definition includes places with annual sales of agricultural products of $1,000 or more. The old definition prior to 1975 as shown in the table includes places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.

A preliminary number of 2,700 farms is estimated for 1983 which is down from 1982. New land coming into production has been offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms remained at 8,900,000 acres during 1983 (new definition).

Average size of ranch or farm in Nevada during 1982 was 3,069 acres (new definition) and is up in 1983. Decreases in small, part time operations which qualify as farms due to inflation are responsible for these increases in average farm size.

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1972-1983

Year	Nevada			United States		
	Number of Farms	Average Size of Farms	Land in Farms	Number of Farms	Average Size of Farms	Land in Farms
		Acres	1,000 Acres	Thousands	Acres	1,000 Acres
1972	2,100	4,286	9,000	2,860	382	1,092,065
1973	2,100	4,286	9,000	2,823	385	1,087,923
1974	2,100	4,286	9,000	2,795	388	1,084,433
1975	2,200	4,086	8,990	2,521	420	1,059,420
1976	2,400	3,746	8,990	2,497	422	1,054,075
1977	2,600	3,458	8,990	2,456	427	1,047,785
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,430	429	1,043,095
1980	2,900	3,100	8,990	2,428	429	1,042,245
1981	3,100	2,871	8,900	2,434	428	1,042,100
1982	2,900	3,069	8,900	2,400	433	1,038,530
1983	2,700	3,296	8,900	2,370	437	1,035,160
1984						

1/ Preliminary

NUMBER OF LIVESTOCK SPECIE FARMS, 1972-1982

Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
			Number				Thousands	
1972	1,600	550	300	270	1,855.3	539.4	160.5	778.2
1973	1,600	500	300	240	1,841.1	497.0	150.8	735.7
1974	1,600	450	300	240	1,870.5	470.2	140.6	733.1
1975	1,500	430	290	240	1,866.0	443.6	129.6	661.7
1976	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.1	311.8	128.8	483.7
1983								

ANNUAL CROP SUMMARY

Nevada ranchers and farmers produced 1.5 million tons of selected crops in 1982-- up 10 percent from 1981. All crops except alfalfa seed and cotton showed increases in production from the preceding year. Acreage of total crops harvested was up 6 percent in 1982, but most of this increase was in wild hay which has a relatively low yield.

Spring planting was interrupted by winter-like storms accompanied by gusty winds but a frost free fall resulted in a longer than usual growing season for the fourth consecutive year. Yields were above 1981 for spring wheat, barley, potatoes, and wild hay. Declines were shown for alfalfa seed, cotton, and alfalfa hay. Above normal precipitation early in the growing season got range grasses off to a good start. May began with mostly warm, sunny weather. At midmonth it changed to cool and wet with a series of cold fronts the remainder of May producing widespread rain and snow. June was a wet month. Unseasonable afternoon and evening thunderstorms extended to mid-July but numerous thundershowers returned throughout August. September was mostly warm and dry until midmonth. Thundershowers the remainder of the month resulted in one of the wettest Septembers on record.

Hay production was up from 1981 due largely to larger acreages harvested for both alfalfa and all other hay. Yields were down slightly for alfalfa hay but up sharply for all other hay. Alfalfa hay was harvested from 215,000 acres with an average yield of 3.50 tons per acre totalling 753,000 tons compared with 746,000 tons a year earlier. Other types of hay (largely wild or meadow hay) were cut from 280,000 acres compared with 250,000 in 1981. Above average yields in 1982 resulted in a production of 378,000 tons. In 1981, other hay production was at the 300,000 ton level.

CROP VALUES

Value of selected crops produced in Nevada totaled $125.6 million in 1982-- 12 percent more than the 1981 value of $112.0 million. Value increase was due mainly to larger acreages harvested, with resulting higher production, as prices were lower for some crops produced in 1982. Hay prices increased 23 percent from 1981. Alfalfa seed prices declined 9 percent, barley 14 percent, and potato prices dropped 47 percent.

Value of the 1982 alfalfa seed crop decreased 54 percent. Alfalfa seed prices were lower than a year earlier and production was down 49 percent from 1981. Alfalfa seed yields averaged 350 pounds per acre compared with 530 in 1981. Hay, the States' most important crop, had a farm value of $97.3 million and accounted for about 77 percent of the value of all crops harvested in 1982.

ACREAGE, PRODUCTION AND VALUE, NEVADA 1980-1982

CROP	Acres Harvested			Tons Produced			Values--Dollars		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Thousands								
All grain crops 1/	57.0	61.0	61.0	101.0	95.1	118.1	13,014	10,894	12,570
Alfalfa seed	17.0	17.0	13.0	3.8	4.5	2.3	9,180	10,362	4,778
Cotton & seed.	.9	.9	.7	.8	1.0	.7	525	489	365
Potaotes	13.0	12.0	13.0	221.0	174.0	204.8	22,984	17,052	10,647
All hay.	500.0	460.0	495.0	1,095.0	1,046.0	1,131.0	99,098	73,220	97,266
Total	587.9	550.9	582.7	1,421.6	1,320.6	1,456.9	144,801	112,017	125,626

1/ Wheat & Barley.

SUMMARY OF PRINCIPAL CROPS HARVESTED IN NEVADA, 1980-1982

Crop & Year	Acres Harvested	Production Per Acre	Production Total	Unit	Value of Production 1/ Per Unit	Value of Production 1/ Total
	Thou.		Thou.		Dol.	Thou. Dol.
Winter Wheat						
1980	12	65.0	780	Bu.	3.80	2,964
1981	15	70.0	1,050	"	3.40	3,570
1982	15	70.0	1,050	"	3.40	3,570
Spring Wheat						
1980	17	60.0	1,020	"	3.80	3,876
1981	16	50.0	800	"	3.40	2,720
1982	14	60.0	840	"	3.40	2,856
Barley						
1980	28	70.0	1,960	"	3.15	6,174
1981	30	55.0	1,650	"	2.79	4,604
1982	32	80.0	2,560	"	2.40	6,144
Alfalfa Seed						
1980	17.0	450	7,650	Lb.	1.20	9,180
1981	17.0	530	9,010	"	1.15	10,362
1982	13.0	350	4,550	"	1.05	4,778
Cotton, lint 2/						
1980	.9	640	1.2	Bale	.80	461
1981	.9	800	1.5	"	.60	432
1982	.7	617	.9	"	.74	320
Cottonseed						
1980	-	-	.5	Ton	128.00	64
1981	-	-	.6	"	95.00	57
1982	-	-	.5	"	90.00	45
Potatoes						
1980	13.0	340	4,420	Cwt.	5.20	22,984
1981	12.0	290	3,480	"	4.90	17,052
1982	13.0	315	4,095	"	2.60	10,647
Alfalfa hay						
1980	215	3.50	753	Ton	N/A	N A
1981	210	3.55	746	"	N/A	N/A
1982	215	3.50	753	"	N/A	N/A
All other hay						
1980	285	1.20	342	"	N/A	N/A
1981	250	1.20	300	"	N/A	N/A
1982	280	1.35	378	"	N/A	N/A
All hay						
1980	500	2.19	1,095	"	90.50	99,098
1981	460	2.27	1,046	"	70.00	73,220
1982	495	2.28	1,131	"	86.00	97,266

1/ Excludes all Government support payments. 2/ Yield is pounds of lint per acre, and price is per pound of lint.

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1981

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	28,000	4.40	123,200	2,000	1.30	2,600	125,800
Douglas	6,000	3.70	22,200	8,000	1.60	12,800	35,000
Humboldt	35,000	3.70	129,500	55,000	1.10	60,500	190,000
Lyon	31,000	3.80	117,800	2,000	1.60	3,200	121,000
Carson City	400	2.40	960	400	1.00	400	1,360
Pershing	13,000	3.80	49,400	2,800	1.30	3,640	53,040
Story	100	2.90	290	100	1.00	100	390
Washoe	8,000	3.70	29,600	10,000	1.30	13,000	42,600
District 1	121,500	3.89	472,950	80,300	1.20	96,240	569,190
Elko	25,000	2.70	67,500	131,000	1.20	157,200	224,700
Eureka	16,000	2.80	44,800	10,000	1.30	13,000	57,800
Lander	10,000	2.90	29,000	12,000	1.20	14,400	43,400
White Pine	15,000	2.50	37,500	7,000	1.20	8,400	45,900
District 3	66,000	2.71	178,800	160,000	1.21	193,000	371,800
Clark	5,000	5.20	26,000	500	2.40	1,200	27,200
Esmeralda	4,200	3.90	16,380	300	1.00	300	16,680
Lincoln	5,000	2.80	14,000	1,700	1.20	2,040	16,040
Mineral	1,300	4.90	6,370	200	1.10	220	6,590
Nye	7,000	4.50	31,500	7,000	1.00	7,000	38,500
District 8	22,500	4.19	94,250	9,700	1.11	10,760	105,010
State Total	210,000	3.55	746,000	250,000	1.20	300,000	1,046,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES BY COUNTIES, NEVADA 1982

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	29,000	4.30	124,700	2,800	1.40	3,920	128,620
Douglas	6,000	3.60	21,600	9,000	1.70	15,300	36,900
Humboldt	34,000	3.60	122,400	62,000	1.40	86,800	209,200
Lyon	30,000	3.70	111,000	2,000	1.80	3,600	114,600
Carson City	400	3.00	1,200	400	1.10	440	1,640
Pershing	14,000	3.70	51,800	3,000	1.30	3,900	55,700
Story	100	3.20	320	100	1.30	130	450
Washoe	9,000	3.50	31,500	11,800	1.40	16,520	48,020
District 1	122,500	3.79	464,520	91,100	1.43	130,610	595,130
Elko	27,000	2.70	72,900	147,000	1.30	191,100	264,000
Eureka	17,000	2.80	47,600	11,000	1.40	15,400	63,000
Lander	11,000	2.60	28,600	13,000	1.40	18,200	46,800
White Pine	14,000	2.70	37,800	8,000	1.40	11,200	49,000
District 3	69,000	2.71	186,900	179,000	1.32	235,900	422,800
Clark	6,000	5.80	34,800	600	2.50	1,500	36,300
Esmeralda	4,300	3.80	16,340	300	1.30	390	16,730
Lincoln	5,000	2.80	14,000	1,800	1.30	2,340	16,340
Mineral	1,200	4.70	5,640	200	1.30	260	5,900
Nye	7,000	4.40	30,800	7,000	1.00	7,000	37,800
District 8	23,500	4.32	101,580	9,900	1.16	11,490	113,070
State Total	215,000	3.50	753,000	280,000	1.35	378,000	1,131,000

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1979

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,300	1,100	65.0	71,500
Eureka	900	800	60.0	48,000
Humboldt	4,200	3,900	75.0	292,500
Lyon	800	700	65.0	45,500
Pershing	3,500	3,200	75.0	240,000
All Other	1,300	1,300	55.8	72,500
State Total	12,000	11,000	70.0	770,000

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1980

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,400	1,200	65.0	78,000
Eureka	900	800	50.0	40,000
Humboldt	4,900	4,600	75.0	345,000
Lyon	900	800	65.0	52,000
Pershing	3,600	3,300	60.0	198,000
All Other	1,300	1,300	51.5	67,000
State Total	13,000	12,000	65.0	780,000

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1981

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,400	1,300	65.0	84,500
Eureka	1,000	900	60.0	54,000
Humboldt	6,400	6,000	80.0	480,000
Lyon	1,300	1,200	65.0	78,000
Pershing	4,600	4,300	65.0	279,500
All Other	1,300	1,300	56.9	74,000
State Total	16,000	15,000	70.0	1,050,000

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1982

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,300	1,200	60.0	72,000
Eureka	900	800	60.0	48,000
Humboldt	6,700	6,300	80.0	504,000
Lyon	1,500	1,400	65.0	91,000
Pershing	4,300	4,000	65.0	260,000
All Other	1,300	1,300	57.7	75,000
State Total	16,000	15,000	70.0	1,050,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1979

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,900	1,700	50.0	85,000
Eureka	1,400	1,300	40.0	52,000
Humboldt	5,600	5,200	50.0	260,000
Lander	400	400	40.0	16,000
Lyon	900	800	45.0	36,000
Pershing	2,800	2,600	60.0	156,000
All Others	1,000	1,000	45.0	45,000
State Total	14,000	13,000	50.0	650,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1980

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	2,400	2,100	60.0	126,000
Eureka	1,800	1,600	55.0	88,000
Humboldt	7,200	6,500	65.0	422,500
Lander	600	500	45.0	22,500
Lyon	1,000	900	50.0	45,000
Pershing	4,900	4,400	60.0	264,000
All Others	1,100	1,000	52.0	52,000
State Total	19,000	17,000	60.0	1,020,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1981

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	2,200	2,000	50.0	100,000
Eureka	1,700	1,400	50.0	70,000
Humboldt	7,400	6,700	50.0	335,000
Lander	600	500	45.0	22,500
Lyon	800	700	55.0	38,500
Pershing	4,200	3,700	50.0	185,000
All Others	1,100	1,000	49.0	49,000
State Total	18,000	16,000	50.0	800,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1982

COUNTY	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,900	1,700	55.0	93,500
Eureka	1,600	1,300	50.0	65,000
Humboldt	6,500	5,800	65.0	377,000
Lander	500	400	50.0	20,000
Lyon	700	600	60.0	36,000
Pershing	3,800	3,200	60.0	192,000
All Others	1,000	1,000	56.5	56,500
State Total	16,000	14,000	60.0	840,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1979

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	2,700	2,400	70.0	168,000
Eureka	2,900	2,600	55.0	143,000
Humboldt	15,600	14,200	60.0	852,000
Lander	600	500	50.0	25,000
Lyon	2,900	2,600	60.0	156,000
Pershing	2,500	2,200	65.0	143,000
Washoe	600	500	50.0	25,000
White Pine	700	600	55.0	33,000
All Others	1,500	1,400	53.6	75,000
State Total	30,000	27,000	60.0	1,620,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1980

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	2,800	2,500	75.0	187,500
Eureka	3,100	2,800	65.0	182,000
Humboldt	15,800	14,400	70.0	1,008,000
Lander	800	700	65.0	45,500
Lyon	3,000	2,700	75.0	202,500
Pershing	2,600	2,300	75.0	172,500
Washoe	700	600	70.0	42,000
White Pine	700	600	60.0	36,000
All Others	1,500	1,400	60.0	84,000
State Total	31,000	28,000	70.0	1,960,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1981

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	3,300	2,900	60.0	174,000
Eureka	3,600	3,200	50.0	160,000
Humboldt	15,700	14,700	55.0	808,500
Lander	1,000	800	45.0	36,000
Lyon	3,400	3,000	55.0	165,000
Pershing	2,900	2,600	60.0	156,000
Washoe	900	800	55.0	44,000
White Pine	700	600	55.0	33,000
All Others	1,500	1,400	52.5	73,500
State Total	33,000	30,000	55.0	1,650,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1982

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	3,800	3,300	85.0	280,500
Eureka	3,700	3,300	60.0	198,000
Humboldt	16,500	15,600	85.0	1,326,000
Lander	1,100	900	60.0	54,000
Lyon	3,600	3,200	85.0	272,000
Pershing	3,100	2,800	80.0	224,000
Washoe	1,100	900	85.0	76,500
White Pine	700	600	65.0	39,000
All Others	1,400	1,400	64.3	90,000
State Total	35,000	32,000	80.0	2,560,000

ALFALFA SEED: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, 1977-82

Year	Humboldt	Pershing	All Other 1/	Nevada total
		Acreage Harvested		
		Acres		
1977	5,300	9,600	600	15,500
1978	6,000	10,000	1,000	17,000
1979	6,500	10,300	1,200	18,000
1980	6,000	10,000	1,000	17,000
1981	6,200	10,000	800	17,000
1982	4,500	8,000	500	13,000
1983				
		Yield Per Acre		
		Pounds		
1977	500	530	515	520
1978	275	415	405	365
1979	425	380	515	405
1980	400	480	450	450
1981	400	620	410	530
1982	300	380	320	350
1983				
		Production of Clean Seed		
		Thousand of Pounds		
1977	2,650	5,100	310	8,060
1978	1,650	4,150	405	6,205
1979	2,760	3,910	620	7,290
1980	2,400	4,800	450	7,650
1981	2,480	6,200	330	9,010
1982	1,350	3,040	160	4,550
1983				

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine

SUMMARY OF SPECIALTY CROPS HARVESTED IN NEVADA, 1981-1982

Crop & Year	Acres Harvested	Production Per Acre	Production Total	Unit	Value of Production Per Unit	Value of Production Total
	Acres		Tons		Dol.	Thou. Dol.
Garlic						
1981	600	6.0	3,600	Ton	420.00	1,512
1982	575	5.5	3,163	"	360.00	1,139
Onions						
1981	600	20.0	12,000	Ton	195.00	2,340
1982	550	23.0	12,650	"	200.00	2,530

WEATHER SUMMARY, 1981-1982

GENERAL: Precipitation for the water year October 1, 1981 through September 30, 1982 totaled 13.05 inches--nearly five inches above normal and over six inches more than a year earlier. Weather during the fall and winter season was characterized by periods of frequent snow and rainstorms interrupted by one typical Indian summer period late in October and other brief influxes of springlike temperatures. Precipitation was well above normal. A series of cold fronts during the spring months brought rain and snow showers, gusty winds, and scattered frosts. Precipitation during the spring season was above normal most areas. Unseasonably wet weather was experienced throughout the summer season with at least one major storm reported each week. Flooding occurred in some areas where roads were washed out or covered with mud and debris. Hail was also common during this period. Temperatures during the 1981-82 water year averaged 50.3 degrees which was about normal but slightly below a year earlier. July has usually been the hottest month of the summer season but in 1982 it lost that rating to August which had an average of 72.1 degrees.

FALL 1981: October began relatively cool with scattered showers and heavy frosts in the northern part of Nevada. First major snow storm of the season occurred in the northern areas about midweek. Rain in valleys and snow at higher elevations was abundant in all areas except the extreme south. In contrast, mostly warm, sunny, Indian summer type weather prevailed the last part of October. Storms averaging one a week rolled across the State during November leaving heavy precipitation in the western sections, normal amounts elsewhere. Each storm front was preceded by strong winds. Daytime temperatures were not very warm but nights remained mild with cloud cover so average temperatures were normal or above. Snow was widespread the last week of November.

WINTER 1981-82: December started mild and wet in the north turning to much cooler temperatures the following week. Gusty winds were common the first half of the month. Temperatures moderated at midmonth resulting in a high snow level most areas. Skies were mostly sunny during the third week changing to heavy rain toward the end of December. Run off raised water flow in the Truckee and Carson rivers to the highest level in nearly two years. Southern half of Nevada was mostly mild and dry. A series of storms spread over the entire State early in January dropping rain in the south and snow in the more northern areas. Worst blizzard in years hit the northern half of the State the second week. Temperatures dipped to subzero many northern sections but were above normal in the extreme south. Cold weather persisted the remainder of January. Frequent storms brought snow to most north and central areas and rain to the southern tip. Pacific storms during February brought variable amounts of precipitation to all areas. Temperatures fluctuated throughout the month, starting with relatively low temperatures and ending with warm, springlike recordings. Snow was common midmonth in the north with rain widespread in the south causing local flooding. Relatively warm rains occurred in all areas toward the end of the month with resulting melt of snowpack at lower elevations. Temperatures were near record high levels at the end of February.

WEATHER SUMMARY, 1981-1982, cont.,

SPRING, 1982: Temperatures continued well above normal during the first half of March. Gusty winds and scattered showers were common during this period. A series of cold fronts the last part of March dropped temperatures well below normal all areas. Winter continued reluctant to release its grip at the end of the month with rain in the valleys and snow at higher elevations. April started with winter conditions most areas. A series of storms moved across Nevada dropping wet snow which melted in valleys to blizzard conditions at higher elevations. Precipitation was moderate to heavy the first half of April but was below normal the remainder of the month. Temperatures ranged from below normal early in the period to above normal the last half of April. May began with mostly warm, sunny weather. Light, scattered showers occurred in the east-central section, none west or south. Temperatures continued above average until midmonth when it changed to cool and wet. A series of cold fronts the remainder of May produced widespread precipitation in the form of rain and snow. Freezing night temperatures and gusty winds were common during this period.

SUMMER, 1982: June was a wet month with at least one major storm each week. Flooding was reported in some areas. Cool days were offset by mild nights and monthly means were close to normal. June began with a cold front in the eastern portion of the State. Light snow fell in some areas north and west the second week and temperatures dropped from 10 to 28 degrees below normal. Temperatures moderated by mid-June and were generally normal or above the remainder of the month. July was also a relatively wet month with scattered to numerous afternoon and evening thunderstorms throughout the State. Flooding occurred in some localities. First storm early in July produced widespread precipitation and set record cool daytime temperatures in the west. Snow fell in mountains as low as 6,500 foot elevations. Temperatures averaged as much as 15 degrees below normal as late as midmonth. Typical summer weather prevailed the remainder of July and temperatures for the entire month averaged near normal. Southerly air flows brought moist air into Nevada which resulted in numerous thunderstorms during August. Some roads were washed out or covered with mud and debris in some central and southern areas. Hail was reported in scattered localities. Temperatures averaged slightly above normal for the month. September started mostly warm and dry which continued to midmonth. A few afternoon and evening thunderstorms were recorded in scattered localities during the first half of September but total precipitation was relatively low. Mostly unsettled weather was expreienced the remainder of September. Showers and thundershowers were widespread throughout the State with snow at higher elevations. Temperatures varied from near normal to well below normal during the period. Wet weather continued for two consecutive weeks bringing to an end one of the wettest Septembers on record. No vegetative killing frosts were recorded during the month.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1982

	1981			1982								
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
	Degrees												
Temperature													
1981-82	48.3	43.4	37.5	28.0	35.3	39.6	45.4	55.7	63.3	71.1	72.1	60.6	50.3
Normal	51.8	39.4	32.7	29.6	33.8	40.3	48.6	56.4	64.4	72.9	70.8	62.8	50.3
Departure	-3.5	+4.0	+4.8	-1.6	+1.5	- .7	-3.2	- .7	-1.1	-1.8	+1.3	-2.2	----
Precipitation:													
1981-82	1.26	1.11	1.26	1.07	.60	1.74	.55	.62	.85	.76	.72	2.51	13.05
Normal	.68	.68	.90	.94	.88	.81	.79	.77	.53	.47	.41	.39	8.25
Departure	+.58	+.43	+.36	+.13	-.28	+.93	-.24	-.15	+.32	+.29	+.31	+2.12	+4.80

NEVADA STATE DEPARTMENT OF AGRICULTURE
1982 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1982 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by the Department or the Statistical Reporting Service.

Pesticide use (Aerial Application) 1982

ALFALFA HAY
(54,871 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Alfalfa Hay	2,4D	2 qts.	1,423
Alfalfa Weevil	Furadan	1/2 pt.	1,082
"	"	2/3 pt.	135
"	"	1 pt.	3,201
"	"	1 1/2 pts.	48
Alfalfa Weevil	Furadan Penncap M	1 pt./6 oz.	77
Alfalfa Weevil	Furadan/Systox	1 pt./ 1/3 pt.	100
Alfalfa Weevil	Methyl Parathion	3/4 pt.	1,193
Alfalfa Weevil	Parathion	6 oz.	1,207
"	"	1 pt.	78
Alfalfa Weevil	Phosdrin	1/2 pt.	60
Alfalfa Weevil	Supracide	1 qt.	20
Alfalfa Weevil	Thimet	10 lbs.	80
"	"	13 lbs.	1,033
Alfalfa Weevil/Aphids	Cygon	1 pt.	28
"	"	1 1/2 pts.	57
"	"	1.12 gals.	28
Alfalfa Weevil/Aphids	Furadan/Cygon	1 pt./1 1/2 pts.	400
"	"	1 pt./1 pt.	3,721
Alfalfa Weevil/Aphids	Furadan/Parathion	8 oz./6 oz.	5,437
Alfalfa Weevil/Aphids	Parathion	6 oz.	230
Alfalfa Weevil/Aphids	Supracide	1 qt.	150
Annual Weeds	Simazine	1 1/2 lbs.	40
Aphids	Cygon	1 pt.	12,166
"	"	1 1/2 pts.	7,406
Aphids	Cygon, Methyl Parathion	1pt./1pt.	120
"	Dibrom	1/2 pt.	50
Aphids	"	1 pt.	150
Aphids	Dylox	1.2 lbs.	1,110
Aphids	Malathion	1 pt.	350
"	"	1 1/2 pts.	65
Aphids	Methyl Parathion	1 pt.	115
"	"	1 1/2 pts.	340
Aphids	Parathion	6 oz.	3,902
Aphids	Systox	1/6 pt.	800
"	"	1/3 pt.	1,535
"	"	1/2 pt.	48
Aphids	Thimet	13 lbs.	700
Aphids/Mites	Parathion	6 oz.	94
Armyworm	Parathion	6 oz.	160
Barley	Paraquat	1 qt.	115

ALFALFA HAY
(Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2.4-D	1/2 pt.	30
"	"	2 qts.	200
Broadleaf Weeds	2.4-DB	1 1/2 qts.	20
"	"	2 qts.	146
Broadleaf Weeds/Grasses	2,4-D	1 pt.	890
Broadleaf Weeds/Grasses	2,4-DB	3 qts.	75
Broadleaf Weeds/Grasses	Sencor	1 lb.	585
Cheatgrass	Paraquat	1 1/2 qts.	100
Cutworm	Dylox	5 lbs.	250
Dodder	CIPC	20 lbs.	7
Grasshoppers	Malathion	1 1/2 pts.	120
Mustard	2,4-DB	2 qts.	689
Pea Aphid	Methyl Parathion	3/4 pt.	102
Russian Thistle	Sencor	1 pt.	700
Weeds	2,4-D	1 1/2 qts.	100
Weeds	2,4-DB	1 qt.	76
Weeds	Paraquat	1 pt.	280
"	"	1 qt.	135
Winter Weeds	Paraquat	1 qt.	1,312

ALFALFA SEED

(31,577 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Alfalfa Weevil	Furadan	1 1/2 pts.	48
"	"	1 qt.	810
Alfalfa Weevil	Methyl Parathion	3/4 pt.	280
Alfalfa Weevil	Parathion	3/4 pt.	950
Alfalfa Weevil	Supracide	1 1/2 qts.	55
Alfalfa Weevil	Thimet	12 lbs.	110
Alfalfa Weevil/ Aphids	Supracide	1 1/3 qts.	340
Aphids	Dibrom	1 pt.	110
Aphids	Meta-Systox R	1 qt.	160
Aphids	Parathion	1/3 pt.	400
Aphids	Pirimor	3.2 oz.	25
"	"	4 oz.	100
"	"	5 oz.	100
"	"	6 oz.	995
Aphids	Systox	1/3 pt.	975
"	"	2/3 pt.	950
"	"	1 pt.	305
Aphids/Lygus	Cygon	1 1/4 pts.	765
Aphids/Lygus	Dylox/Pirimor	1 1/4 lbs./6 oz.	44
Aphids/Lygus	Dylox/Systox	1 lb./1 pt.	35
"	"	1 lb./1 qt.	80
"	"	1 1/4 lbs./1/3 pt.	48
"	"	1 qt./1 pt.	575

ALFALFA SEED (Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids/Lygus	Furadan/Systox	1 qt./ 1/3 pt.	600
Aphids/Lygus	Meta-Systox R	1 qt.	135
Aphids/Lygus	Meta-Systox R/Malathion	1 qt./ 1 pt.	155
Aphids/Lygus	Methyl Parathion	8 oz.	500
Aphids/Lygus	Parathion	1 pt.	385
Aphids/Lygus	Phosdrin	1 pt.	305
Aphids/Lygus	Pirimor/Phosdrin	6 oz./ 1 pt.	105
Aphids/Lygus	Systox/Malathion	1 pt./ 1 pt.	588
Aphids/Lygus	Systox/Supracide	1 pt./ 1 1/2 qts.	1,020
Aphids/Lygus	Systox/Toxaphene	1 pt./ 1 1/2 qts.	913
Aphids/Thrips	Parathion	6 oz.	8
Defoliate	Contact	3 qts.	1,172
Defoliate	Des-I-Cate	1 1/4 gals.	23
Defoliate	Dinitro	1 qt.	200
"	"	1 1/2 qts.	2,157
Defoliate	Dinitro/Diquat	1 gal./ 1 gal.	25*
Defoliate	Diquat	1 qt.	120
Desiccate	Des-I-Cate	1 1/4 gals.	776
"	"	1 1/2 gals.	325
Dodder	CIPC	15 lbs.	5
"	"	20 lbs.	2,135
"	"	25 lbs.	4,650
"	"	30 lbs.	1,212
Lygus	Dibrom	1 pt.	2,105
Lygus	Dylox	1 lb.	8
"	"	1 1/8 lbs.	48
"	"	1 1/4 lbs.	50
Lygus	Parathion	3/4 pt.	48
"	"	1 pt.	60
Lygus	Phosdrin	1 pt.	297
Lygus	Meta-Systox R	1 1/2 pts.	35
"	"	1 qt.	80
Lygus	Supracide	1 qt.	556
Lygus	Thiodan	1 1/3 pts.	115
Mites	Comite	1.6 pts.	125
Mites	Comite	1 qt.	1,261
Mites	Kelthane	2 qts.	275
Mites	Supracide	1 1/2 qts.	25
Pea Aphid	Methyl Parathion	1/3 pt.	20
Spotted Alfalfa/ Aphid	Thiodan	2 qts.	150
Weeds	2,4-DB	1 1/2 qts.	545

BARLEY

(7,876 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Alfalfa	2,4-D	3/4 pt.	550
Aphids	Parathion	6 oz.	273
Aphids	Phosdrin	4 oz.	80
Aphids	Systox	1/4 pt.	106
Aphids	"	1/3 pt.	164
Broadleaf Weeds	2,4-D	1 pt.	120
"	"	1 1/2 pts.	918
"	"	1 qt.	2,446
"	"	1 1/2 qts.	140
Broadleaf Weeds	Dinitro	2 qts.	75
Broadleaf Weeds/Grasses	2,4-D	1 1/2 pts.	160
Broadleaf Weeds/Sunflowers	2,4-D	1 1/2 pts.	50
Clover	2,4-D	3/4 pt.	40
Mustard	2,4-D	3/4 pt.	289
"	"	1 pt.	840
Weeds	2,4-D	1 1/5 pts.	1,100
Weeds	"	1 4/5 pts.	110
Weeds	"	1 qt.	225
Weeds	MCPA	2/3 pt.	120
Wild Oats	Avenge	2 qts.	70

CLOVER

(869 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Systox	1 pt.	300
Defoliate	Contact	2 qts.	130
Defoliate	"	3 qts.	84
Defoliate	Dinitro	1 1/2 qts.	110
Defoliate	"	2 qts.	60
Weeds	2,4-DB	1 qt.	150
Weeds	"	2 qts.	35

CORN

(455 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	3/4 pt.	365
Broadleaf Weeds	"	1 1/2 pts.	90

DITCHES

(10 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Paraquat	2 1/2 gals.	10

GARLIC

(529 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mites	Cygon	1 1/2 pts.	144
Thrips	Parathion	1/2 pt.	92
Thrips	Parathion/Toxaphene	6 oz./ 1 1/2 qts.	28
Thrips/Mites	Toxaphene/Parathion/Sulfur	1 1/2 qts./5.5 oz./ 4 lbs.	90
Winter Weeds	Paraquat	1 1/2 qts.	175

GRAIN

(7,171 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion	1 pt.	45
Aphids	Sustox	1/3 pt.	1,722
Aphids/Thrips	Methyl Parathion	1 pt.	160
Broadleaf Weeds	2,4-D	1/2 pt.	3,806
"	"	1 pt.	313
"	"	1 1/2 pts.	135
Weeds	2,4-D	1 qt.	260
"	"	1 1/2 qts.	730

MINT

(339 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mites	Comite	1 qt.	189
Weeds	Sinbar	1 lb.	80
Wheat	Sinbar	1 lb.	70

MOSQUITOES

(212,109 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Adults	Dibrom	1/2 oz.	16,400
"	"	3/4 oz.	94,600
Adults	Malathion	3 oz.	23,020
Adults	Parathion	1/10 lb.	17,480
No Stage	Dibrom	3/4 oz.	14,200
No Stage	Parathion	6 oz.	510
"	"	1/10 lb.	30,954
Larvae	Baytex	1.2 oz.	1,920
"	Parathion	1.2 oz.	11,615
"	"	6 oz.	330
"	"	1/10 lb.	1,080

NON-CROPLAND

(703 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Graslan	3 lbs.	240
Weeds	Amitrol	2 qts.	23
Willows	2,4-D	3 lbs.	440

OATS

(480 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Parathion	6 oz.	20
Broadleaf Weeds	2,4-D	1/2 pt.	145
"	"	1 pt.	315

ONIONS

(1,500 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion	1/2 pt.	32
"	"	1 1/2 pts.	44
Aphids/Thrips	Methyl Parathion	1 1/2 pts.	40
Mites	Cygon	1 1/2 pts.	20
Thrips	Cygon/Parathion	1 pt./ 6 oz.	40
Trhips	Methyl Parathion	1/2 pt.	106
"	"	1 pt.	582
"	"	1 1/2 pts.	141
Thrips	Parathion	6 oz.	30
"	"	1/2 pt.	190
Thrips	Parathion/Toxaphene	6 oz.	255
Thrips/Mites	Toxaphene/Parathion/Sulfur	1 1/2 qts./5.5 oz./ 4 lbs.	20

PASTURE

(2,102 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1 pt.	25
"	"	1 1/2 pts.	17
Wild Iris	2,4-D	1 1/2 pts.	390
"	"	2 qts.	110
Grasshoppers	Malathion	8 oz.	450
Willows	2,4-D	3 lbs.	670
"	"	4 lbs.	440

POTATOES

(47,131 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Malathion/Thiodan	1.4 pts./1.7 pts.	340
Aphids	Thimet	20 lbs.	656
Aphids	Thiodan	1 qt.	3,065
"	"	1 1/2 qts.	60
Aphids/Blight	Difolatan/Thiodan	1 qt./1 qt.	600
Aphids/Blight	Dithane/Thiodan	1 qt./1 qt.	656
Aphids/Blight	Manex/Malathion	1 1/2 pts/1 1/2 pts.	742
Aphids/Blight	Manex/Thiodan	1 1/2 pts./1 qt.	5,759
Aphids/Blight	Manex/Thiodan/Malathion	1 1/2 pts./1qt./1 1/2pts.	280
Aphids/Blight/Loopers	Monitor/Bravo	1 1/2 pts./1 qt.	986
Aphids/Blight/Loopers Growth Regulator	Monitor/Bravo/Cytex	1 1/2pts./1qt./2 qts.	350
Armyworm	Lannate	1 lb.	65
Blight	Bravo	1 1/2 pts.	975
Blight	Dithane	1 qt.	1,255
"	"	2 qts.	388
Blight	Manex	1 1/2 pts.	2,700
"	"	1 qt.	660
Blight	Sulfur	1 1/2 qts.	223
Blight/Growth Regulator	Cytex/Dithane	2 qts./1 qt.	330
Blight/Growth Regulator	Manex/MH-30	1 gal./1 qt.	46
Broadleaf Weeds/Grasses	Sencor	3/5 lb.	5,368
"	"	3/4 lb.	16
"	"	1 lb.	40
Broadleaf Weeds/Grasses	Sencor/Dual	1 1/2 pts./1 1/4 qts.	50
Broadleaf Weeds/Grasses	Sencor/Proud	1 pt./1 qt.	10,465
Defoliate	Contact	2 qts.	169
"	"	3 qts.	636
Defoliate	Des-I-Cate	1 1/4 gals.	733
"	"	1 1/2 gals	108
Defoliate	Dinitro	1 1/2 qts.	1,934
"	"	2 qts.	855
Defoliate	Diquat	1 pt.	80
Desiccate	Dinitro	1 1/2 qts.	340
Growth Regulator	Cytex	2 qts.	1,039
Growth Regulator	MH-30	1 gal.	961
"	"	1 1/4 gals.	46
"	"	2 gals.	307
Sprout Inhibitor	MH-30	2 gals.	850
Weeds	Sencor	3/5 pt.	750
"	Sencor	4/5 pt.	628
"	"	1 pt.	154
"	"	3/4 lb.	104
Weeds	Sencor/Proud	1 pt./1 qt.	168
"	"	1 lb./1 qt.	57
Wireworms	Furadan	3 qts.	1,072
Worms	Thiodan	1 qt.	25
"	"	1 1/2 qts.	40

RANGELAND

(19,216 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Rabbitbrush	2,4-D	3 lbs.	2,440
Sagebrush	2,4-D	2 qts.	15,036
"	"	1 gal.	1,740

RYE

(570 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Russian Thistle	2,4-D	1 qt.	540
Weeds	2,4-D	1 1/2 pts.	30

WHEAT

(8,504 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Malathion	1.7 pts.	70
Aphids	Methyl Parathion	1 pt.	310
"	"	1 1/2 pts	100
Aphids	Parathion	6 oz.	105
Aphids	Systox	1/3 pt.	1,188
"	"	1/2 pt.	445
"	"	3/4 pt.	105
"	"	1 pt.	416
Broadleaf Weeds	2,4-D	1/2 pt.	120
"	"	1 2/5 pts.	145
"	"	1 1/2 pts.	330
"	"	1 4/5 pts.	260
"	"	1 qt.	3,253
Broadleaf Weeds	2,4-DB	1 1/2 qts.	170
Weeds	2,4-D	1 pt.	150
"	"	1 1/2 pts.	488
"	"	1 qt.	40
Weeds	2,4-DB	1 1/2 qts.	520
Weeds	MCPA	2/3 pt.	159
Wild Oats	Avenge	2 qts.	130

PESTICIDE USE (Ground Application) 1982

ALFALFA HAY

(3,295.5 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds	2.4-DB	2 qts.	44
Broadleaf Weeds/Grasses	Paraquat	3 pts.	182
Garlic	2,4-DB	3 pts.	60
Mustard/Grass	Sencor	1 lb.	21
Weeds	2,4-D	2 pts.	10
Weeds	2,4,DB	2 pts.	40
Weeds	Sencor	1.25 lbs.	8
White Top	2,4-D	2 pts.	4
Winter Weeds	Paraquat	2 pts.	1,626.5
Winter Weeds	Princep	1 1/4 lbs.	1,300
Weeds	Princep	2 lbs.	410

APPLES

(.5 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Codling Moth	Diazinon	1 lb.	0.5

BARLEY

(1,979 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1 pt.	88
Broadleaf Weeds	2,4-D	1 1/2 pts.	1,663
Russian Thistle/ Broadleaf Weeds	Bromoxynil	1 pt.	125
Weeds	2,4-D	2 pts.	103

CORN

(102 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2,4-D	1 pt.	102

DITCHES

(102.5 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	Paraquat	2 pts.	20
Weeds	Round Up	4 pts.	2
Weeds/Grasses	Round Up	1 gal.	3.5
White Top	2,4-D	2 pts.	5
Willows	2,4-D	5 qts.	1
Willows	2,4-D	2 gals.	70
Willows	Round Up	1 qt.	1

PESTICIDE USE (Ground Application) 1982

Cont'd

FALLOW GROUND

(278 Total Acres Treated

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds/Grasses	Round Up	1 qt.	40
Grasses	Round Up	3 pts.	117
Grasses/Weeds	Round Up	1/2 gal.	65
Weeds	2,4-D	2 pts.	54
Weeds	Round Up	2 pts.	2

GRAIN

(20 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2.4-D	2 pts.	20

OATS

(55 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1 1/2 pts.	55

PASTURE

(10 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Puncturvine	Princep	25 lbs.	1
Weeds	Atrazine	20 lbs.	1
Weeds	2,4-D	2 pts.	8

POTATOES

(1,120 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds	Sencor	9/10 lb.	1,120

RAILROADS

(1,813.25 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	Atrazine/Karmex	4 lbs./4 lbs.	1,568.25
Weeds	Amizol/2,4-D	1 gal./ 1/2 gal.	245

PESTICIDE USE (Ground Application) 1982

Cont'd

ROADWAYS

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2,4-D	2 pts.	1

SAFFLOWER

(45 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	Treflan	2 pts.	20
Weeds	Treflan	2 1/2 pts.	25

SUDAN GRASS

(3 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2,4-D	2 pts.	3

WHEAT

(206 Total Acres Treated)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1 1/2 pts.	166
Weeds	2,4-D	2 pts.	40

USUAL PLANTING AND HARVESTING DATES, BY CROPS AND PRINCIPAL PRODUCING AREAS IN NEVADA

Crop	1982 Harvested Acreage (000)	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Areas and Counties
			Begin	Most Active	End	
Barley						
Fall sown	32	Sept.5-Oct.20	July 10	July 15-Aug.25	Sept 5	District 1
Spring sown		Apr. 5-May 10	July 20	July 25-Sept.1	Sept.15	District 1
Corn,silage	3	May 1-June 1	Sept. 1	Sept.10-Oct. 1	Oct. 10	Churchill Pershing
Cotton	.7	Apr.15-May 5	Oct. 15	Oct.25-Dec. 15	Jan. 1	Nye
Hay						
Alfalfa	215		Apr. 10		Nov. 1	Clark
			June 1		Oct. 10	District 1,3
All other	280		June 15		Sept. 5	District 1,3
Oats	4	Apr. 1-May 25	July 25	Aug. 5-Sept.1	Sept.10	Statewide
Wheat						
Winter	15	Sept.5-Oct.20	July 15	Aug. 1-Aug.25	Sept. 5	Humboldt Pershing
Other spring	14	Apr. 1-May 10	July 25	Aug.10-Sept.5	Sept.15	Humboldt Eureka Pershing Lander
Potatoes	13	Apr.25-June 10	Oct. 1	Oct.10-Oct.30	Nov. 10	Humboldt Lander Lyon Washoe
SEED CROPS						
Alfalfa	13		Aug.25	Sept.5-Oct. 5	Oct. 15	Humboldt Pershing Lander

LIVESTOCK SUMMARY

Nevada's cattle cycle started on a downward swing--the first in the last four years, the Nevada Crop and Livestock Reporting Service reports. Total cattle and calves on January 1, 1983, at 650,000 head, was down 7 percent from a year earlier. Beef cows totaled 325,000 head at the beginning of 1983--down 9 percent from the preceding year. Milk cows held steady at 16,000 head in 1983. Beef heifers over 500 pounds showed a 9 percent decrease from the previous year while a 12 percent drop was reported for milk replacement heifers. Steers weighing over 500 pounds decreased from 42,000 head to 38,000. Calves (less than 500 pounds) changed from 180,000 head in 1982 to 176,000 at the beginning of 1983.

Sheep and lambs totaled 110,000 head January 1, 1983--down 15 percent from the preceding year. Sheep numbers were at a peak level of over 1,300,000 in 1920. Stock sheep were estimated at 102,000 head at the beginning of the year. Lambs on feed totaled 8,000 head on January 1, 1983. Ewe lambs decreased from 18,000 head to 13,000 while ewes one year old and older went from 95,000 head to 86,000.

LIVESTOCK ON FARMS, JANUARY 1, 1981-1983

Species	NEVADA				UNITED STATES 1/			
	1981	1982	1983	83 as % of 82	1981	1982	1983	83 as % of 82
	- Thousand Head -			Pct.	- Thousand Head -			Pct.
Cattle & Calves	640	700	650	93	114,321	115,604	115,201	100
Cows that calved	340	375	341	91	49,586	50,331	49,146	98
Beef Cows	325	359	325	91	38,726	39,319	38,081	97
Milk Cows	15	16	16	100	10,860	11,012	11,066	100
Heifers 500 lb+	79	83	77	93	17,766	18,328	18,829	103
Beef Repl	55	57	52	91	6,136	6,615	6,343	96
Milk Repl	8	8	7	88	4,345	4,532	4,532	100
Other Heifers	16	18	18	100	7,285	7,181	7,954	111
Steers 500 lb+	40	42	38	90	15,519	15,501	16,229	105
Bulls 500 lb+	18	20	18	90	2,547	2,618	2,615	100
Calves under 500 lb	163	180	176	98	28,904	28,827	28,382	98
Sheep & Lambs	134	129	110	85	12,936	12,966	11,904	92
On feed	14	13	8	68	1,649	1,564	1,641	105
Stock Sheep	120	116	102	88	11,287	11,402	10,263	90
Lambs	20	19	14	74	2,145	2,248	1,730	77
Ewes	19	18	13	72	1,788	1,805	1,392	77
Wethers & Rams	1	1	1	100	357	422	338	80
1 year & over	100	97	88	91	9,142	9,304	8,533	92
Ewes	98	95	86	91	8,772	8,788	8,165	93
Wethers & Rams	2	2	2	100	370	388	368	95
HOGS & PIGS 2/	12	13	14	108	64,512	58,688	53,230	91

1/ May not add due to rounding.
2/ December 1, preceding year.

NEVADA :VALUE PER HEAD AND TOTAL VALUE, JANUARY 1, 1981-83

	Value Per Head			Total Value		
	1981	1982	1983	1981	1982	1983
	- - - - - - - Dollars - - - - -			- - - - - Thousands - - - - -		
Cattle & Calves	405.00	340.00	360.00	259,200	238,000	234,000
Sheep & Lambs	87.00	64.50	62.00	11,658	8,321	6,820
Hogs & Pigs 1/	66.50	64.00	91.50	798	832	1,281
Total 3 species:	--	--	--	271,656	247,153	242,101

1/ December 1, preceding year.

FARM VALUES

Inventory numbers were well below last year for all species except hogs and pigs. Per head values, however, were up for cattle and calves, and for hogs and pigs

Higher per head values were more than offset by decreases in inventory number as inventory value of $242 million was 2 percent below a year earlier. Cattle and calves were valued at $234 million, sheep and lambs at $6.8 million, and hogs and pigs at $1.3 million.

CATTLE AND CALVES ON FARMS AND RANCHES BY COUNTIES,
NEVADA, JANUARY 1, 1978-83

County	1978	1979	1980	1981	1982	1983
	Number of Head					
Carson City	1,300	1,000	1,000	1,400	1,300	1,200
Churchill	58,000	61,000	60,000	68,000	77,000	78,000
Douglas	20,000	16,000	18,000	18,000	22,000	22,000
Humboldt	63,000	64,000	65,000	70,000	90,000	75,000
Lyon	44,000	45,000	53,000	53,000	60,000	60,000
Pershing	26,000	26,000	30,000	29,000	32,000	29,000
Storey	100	100	100	100	100	100
Washoe	32,000	28,000	26,000	36,000	38,000	34,000
Northwestern District	244,400	241,100	253,100	275,500	320,400	299,300
Elko	180,000	185,000	187,000	195,000	210,000	195,000
Eureka	36,000	34,000	33,000	40,000	41,000	39,000
Lander	28,000	24,000	27,000	27,000	25,000	24,000
White Pine	28,000	26,000	27,000	31,000	32,000	30,000
Northeastern District	272,000	269,000	274,000	293,000	308,000	288,000
Clark	16,000	12,000	15,000	14,000	13,000	10,000
Esmeralda	5,600	5,900	5,900	7,500	5,600	5,000
Lincoln	16,000	15,000	16,000	18,000	19,000	16,700
Mineral	4,000	4,000	4,000	4,000	4,000	4,000
Nye	27,000	28,000	27,000	28,000	30,000	27,000
Southern District	68,600	64,900	67,900	71,500	71,600	62,700
Nevada	585,000	575,000	595,000	640,000	700,000	650,000

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1983 were estimated at 23,000 head--4 percent less than the preceding year and well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED IN NEVADA FEEDLOTS ON JANUARY 1

Item	1980	1981	1982	1983	1983 as % of 1982
	Thousand Head				Percent
Number on feed for slaughter market	20	22	24	23	96

RANGE AND PASTURE CONDITION

Data in the following table relate to the condition of pastures and ranges near the first of each month and are expressed as a percentage of normal. Normal, in this case equals 100. Since range grasses in Nevada are ordinarily not irrigated the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1966, 1972, 1974, 1976, 1977, and again in 1981.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA 1966-1983

Year	April	May	June	July	August	September	October	November	December
1966	77	77	76	74	70	69	69	70	*
1967	79	73	83	93	93	91	87	86	*
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102			

* Data not available prior to 1972. ** Discontinued December 1982.

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1974-82

Year	All Cattle Jan. 1	Calves Born	Inshipments	Marketings: Cattle	Marketings: Calves	Farm Slaughter	Deaths: Cattle	Deaths: Calves
	Thousand Head							
1974	664	300	44	174	148	3	9	17
1975	657	285	46	175	125	3	14	20
1976	651	260	44	185	130	5	11	13
1977	611	250	44	170	117	5	11	17
1978	585	245	40	159	107	5	9	15
1979	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
1981	640	290	30	134	92	5	11	18
1982	700	290	20	193	131	5	11	20
1983	650							

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1974-1982

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inshipments	Marketings: Sheep	Marketings: Lambs	Farm Slaughter	Deaths: Sheep	Deaths: Lambs
	Thousand Head							
1974	177	125	78	18	169	3	18	21
1975	151	110	192	9	252	3	17	19
1976	153	102	114	12	185	3	16	20
1977	133	96	69	7	130	3	10	23
1978	125	96	68	8	121	3	13	19
1979	125	94	68	12	124	3	10	16
1980	122	93	68	6	110	3	9	21
1981	134	97	140	13	199	3	10	17
1982	129	92	159	18	221	3	10	18
1983	110							

HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1974-82

Year	Hogs & Pigs 1/Dec. 1,	Pig Crop 1/Dec.-May	Pig Crop June-Nov:	Inshipments	Marketings	Farm Slaughter	Deaths
	Number of Head						
1974	11,000	6,500	7,300	100	12,300	800	800
1975	11,000	7,000	6,500	100	14,000	800	800
1976	9,000	6,300	5,900	100	11,800	800	700
1977	8,000	7,700	7,500	100	12,700	900	700
1978	9,000	8,900	7,000	100	13,200	1,000	800
1979	10,000	9,800	8,400	100	15,300	1,000	1,000
1980	11,000	9,100	9,000	100	15,200	1,000	1,000
1981	12,000	9,100	9,100	---	15,200	1,000	1,000
1982	13,000	9,100	10,000	---	16,800	500	800
1983	14,000						

1/ December 1 of preceding year.

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA 1974-82

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1974	196,065	233,038	66,338	78,880	1,185	80,065
1975	190,220	224,608	57,992	68,812	1,056	69,868
1976	175,325	234,517	58,960	78,594	2,118	80,712
1977	171,535	214,437	61,462	76,553	2,265	78,818
1978	173,310	199,507	88,511	101,376	3,317	104,693
1979	185,725	190,205	126,177	128,402	3,919	132,321
1980	196,755	190,333	125,724	121,043	3,138	124,181
1981	197,965	168,010	105,697	89,395	2,932	92,327
1982	209,305	262,015	100,572	124,001	2,154	126,155
1983						

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA 1974-82

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1974	8,890	16,848	3,209	5,633	86	5,719
1975	10,666	23,171	4,321	9,169	91	9,260
1976	7,922	17,596	3,500	7,160	99	7,259
1977	7,121	12,224	3,162	5,599	101	5,700
1978	7,460	11,804	4,106	6,453	134	6,587
1979	6,230	12,495	3,495	7,112	132	7,244
1980	7,730	12,210	4,151	7,122	129	7,251
1981	9,395	22,325	4,688	11,499	118	11,617
1982	8,925	25,185	3,615	10,228	93	10,321
1983						

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA 1974-82

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1974	2,808	2,613	983	915	97	1,012
1975	3,068	3,006	1,475	1,448	132	1,580
1976	2,668	2,524	1,205	1,141	124	1,265
1977	3,125	2,653	1,297	1,105	128	1,233
1978	3,385	2,913	1,680	1,451	169	1,620
1979	3,888	3,346	1,613	1,390	142	1,532
1980	3,578	3,322	1,404	1,307	134	1,441
1981	3,979	3,322	1,303	1,091	111	1,202
1982	3,813	3,596	1,669	1,577	75	1,652
1983						

1/ Receipts from marketings and sale of farm slaughter.

SHEEP AND WOOL

Sheep and lamb inventories showed a decrease for the second consecutive year. At the present time, sheep and lamb numbers are less than one-tenth of the 1,340,000 head total which peaked 61 years ago. Wool production in 1982 is estimated at 1,090,000 pounds, grease basis. This is 3 percent below the 1981 production of 1,120,000 pounds. Sheep shorn and to be shorn during 1982 at 109,000 head, is 3 percent less than the number shorn last year. Fleece weight of 10.0 pounds per head is the same as the previous year.

Wool prices fluctuated considerably during the past decade ranging from 51 cents a pound in 1975 to 97 cents in 1981.

WOOL PRODUCTION AND VALUE, NEVADA 1973-82

Year	Sheep Shorn	Weight per Fleece	Wool Production	Price per Pound	Value
	Thou. Head	Pounds	Thou. Lb.	Cents	Thou. Dol.
1973	148	10.1	1,495	84	1,246
1974	143	10.3	1,473	65	957
1975	126	10.0	1,260	51	643
1976	120	10.2	1.224	69	845
1977	110	10.2	1,122	63	707
1978	102	10.4	1,061	69	732
1979	100	10.3	1,030	84	865
1980	108	10.0	1,080	88	950
1981	112	10.0	1,120	97	1,086
1982	109	10.0	1,090	67	730

SHEEP AND LAMBS ON FARMS AND RANCHES, BY COUNTIES
NEVADA, JANUARY 1, 1978-83

County	1978	1979	1980	1981	1982	1983
	Number of Head					
Carson City	2,000	2,000	2,000	2,000	2,000	1,500
Churchill	2,000	2,000	2,000	2,000	2,000	1,500
Douglas	6,000	7,000	7,000	9,000	8,000	6,000
Elko	32,000	37,000	34,000	39,000	40,000	37,000
Eureka	12,000	8,000	9,000	9,000	7,000	5,000
Humboldt	6,000	6,000	6,000	6,000	5,000	4,000
Lander	5,000	5,400	4,500	5,800	5,000	4,000
Lyon	14,000	13,000	14,000	15,000	14,000	13,000
Nye	3,400	5,000	4,000	4,000	4,000	3,000
Pershing	13,000	12,000	11,000	12,000	13,000	10,000
Washoe	2,000	4,000	3,000	4,000	3,500	2,500
White Pine	27,000	23,000	25,000	25,000	25,000	22,000
All Other	600	600	500	1,200	500	500
State Total	125,000	125,000	122,000	134,000	129,000	110,000

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants decreased 3 percent during 1982. Declines occurred throughout the year. Cattle accounted for 5.4 million pounds or 83 percent of the total compared with 81 percent a year earlier. These estimates include slaughter in Nevada's 6 Federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1978-82

Species and Year	Head	Liveweight Average	Liveweight Total	Specie and Year	Head	Liveweight Average	Liveweight Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1978. .	16,300	1,009	16,400	1978.	2,200	109	239
1979. .	7,000	1,022	7,141	1979.	2,100	110	230
1980. .	5,900	1,040	6,168	1980.	2,700	111	299
1981. .	5,100	1,063	5,450	1981.	2,600	109	287
1982. .	4,900	1,109	5,434	1982.	2,800	115	321
Calves							
1978. .	200	410	92	1978.	3,700	239	879
1979. .	--	--	--	1979.	4,300	230	982
1980. .	--	--	--	1980.	5,700	217	1,245
1981. .	100	301	29	1981.	4,300	216	935
1982. .	100	386	19	1982.	3,300	227	754

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA 1982 1/

Month	Cattle Head	Cattle Total Live-Weight	Calves Head	Calves Total Live-Weight	Sheep & Lambs Head	Sheep & Lambs Total Live-Weight	Hogs Head	Hogs Total Live-Weight	All Species Total Liveweight
	No.	Thou.Lb.	No.	Thou. Lb.	No.	Thou.Lb.	No.	Thou.Lb.	Thou. Lb.
January.	400	479	-	-	100	11	300	67	557
February	400	462	-	-	100	11	200	46	519
March. .	400	411	-	-	100	12	300	66	489
April. .	400	409	-	-	200	22	300	70	501
May. . .	400	435	-	-	300	35	500	120	590
June . .	400	485	-	-	400	46	300	70	601
July . .	400	446	-	-	400	46	300	70	562
August .	400	438	-	-	300	35	200	45	518
September	400	425	-	-	300	34	200	50	509
October.	400	422	-	-	200	23	200	43	488
November	400	465	-	-	200	23	200	44	532
December	500	557	-	-	200	23	300	63	643
Total	4,900	5,434	100	19	2,800	321	3,300	754	6,528

1/ Totals may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but data are included in annual totals.

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1982 was estimated at 225 million pounds--up 1 percent from a year earlier.

Of the 225 million pounds produced, 220 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was utilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled 29.3 million, about unchanged from 1981. Producers received an average $13.30 per cwt. for fluid milk marketed in 1982 compared with $13.40 in 1981.

Ice cream production in 1982 totaled 1,266,000 gallons--up 4 percent from a year earlier. Ice milk production at 766,000 gallon level was down 14 percent, while sherbet at 90,000 gallons was up 10 percent from the 1981 output.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1973-1982

Year	MILK					
	Production	Farm Value of Production	Utilization: Farm Uses	Utilization: Sold 1/	Marketing Receipts: Per Lb. Milk Fat	Marketing Receipts: Cash Receipts
	Million Pounds	Thousand Dollars	Million Pounds		Dollars	Thousand Dollars
1973	144	10,181	5	139	1.96	9,826
1974	167	14,479	5	162	2.43	14,046
1975	168	14,935	5	163	2.46	14,487
1976	191	18,221	5	186	2.70	17,738
1977	198	19,404	5	193	2.83	18,906
1978	187	19,560	5	182	2.98	19,033
1979	199	22,885	5	194	3.34	22,310
1980	219	27,813	5	214	3.62	27,178
1981	223	29,882	5	218	3.79	29,212
1982	225	29,925	5	220	3.73	29,260

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTERS, 1980-82

Quarter	Cows Milked 1/			Milk per Cow 2/			Milk Production 2/		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Thousands			Pounds			Million Lbs		
Jan.-March	15.0	15.3	16.0	3,335	3,530	3,290	50.0	54.0	52.7
Apr.-June	15.0	15.5	16.0	3,760	3,730	3,660	56.4	57.8	58.5
July-Sept.	15.0	15.7	16.0	3,860	3,580	3,630	57.9	56.2	58.1
Oct.-Dec	15.0	15.9	16.0	3,645	3,460	3,480	54.7	55.0	55.7
Annual	15.0	15.6	16.0	14,593	14,295	14,063	219.0	223.0	225.0

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

ALL MILK PRICE, VALUE OF CONCENTRATE RATIONS FED TO MILK COWS, AND MILK-FEED PRICE RATIOS, NEVADA BY MONTHS, 1980-82

Month	All Milk Price Per Cwt.			Value of 100 Pounds of Concentrate Rations Fed:			Milk Feed Price Ratios		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Dollars			Dollars			Numbers		
January.	12.60	13.75	13.90	6.80	8.30	7.00	1.85	1.66	1.99
February	12.75	13.75	13.70	7.00	8.40	7.00	1.82	1.64	1.96
March. .	12.60	13.25	13.30	7.00	8.50	7.00	1.80	1.56	1.90
April. .	12.45	13.35	13.15	6.95	8.60	7.00	1.79	1.55	1.88
May. . .	12.20	13.30	13.00	7.05	8.50	7.10	1.73	1.56	1.83
June . .	12.30	13.20	13.00	7.05	8.40	7.30	1.74	1.57	1.78
July . .	12.35	13.20	12.80	7.05	8.40	7.50	1.75	1.57	1.71
August .	12.50	13.20	12.95	7.20	8.30	7.40	1.74	1.59	1.75
September	12.80	13.30	13.25	7.25	8.20	7.30	1.77	1.62	1.82
October.	13.20	13.60	13.50	7.25	8.00	7.30	1.82	1.70	1.85
November	12.45	13.80	13.60	7.70	7.60	7.30	1.75	1.82	1.86
December	13.70	13.75	13.75	7.80	7.30	7.30	1.76	1.88	1.88
Annual	12.70	13.40	13.30	7.27	8.06	7.22	1.75	1.66	1.84

AVERAGE FAT TEST OF MILK SOLD BY FARMERS AND QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, NEVADA BY MONTHS, 1980-82

Month	Fat Test of Milk Sold			Dairy Products Manufactured 1/					
				Ice Cream 2/			Ice Milk 2/		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Percent			Thousand Gallons					
January.	3.67	3.66	3.83	87	83	96	76	76	50
February	3.62	3.67	3.69	81	87	106	74	79	54
March. .	3.58	3.64	3.56	95	97	104	90	91	65
April. .	3.49	3.49	3.51	103	98	108	101	93	66
May. . .	3.41	3.41	3.42	104	109	112	97	90	68
June . .	3.39	3.38	3.41	103	114	108	90	74	67
July . .	3.35	3.37	3.39	136	124	132	99	75	80
August .	3.31	3.40	3.42	113	119	134	103	75	82
September	3.48	3.43	3.51	104	110	107	104	80	69
October	3.52	3.61	3.63	97	99	92	94	50	63
November	3.63	3.74	3.67	79	84	85	74	52	53
December	3.70	3.70	3.92	84	88	82	76	55	49
Annual.	3.51	3.54	3.57	1189	1212	1266	1078	890	766

1/ Sherbert production on annual basis: 1980-82,000 gallons; 1981-82,000 gallons: 1982-90,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed. 2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA 1979-82

COUNTY	1979			1980		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill	3,800	13,100	49.8	3,500	15,100	52.9
Clark	6,700	13,200	88.4	7,000	13,800	96.6
Douglas	2,000	14,200	28.4	2,100	15,600	32.8
Lyon	1,300	14,000	18.2	1,500	15,900	23.9
Washoe	600	12,400	7.4	500	14,400	7.2
All others	600	11,400	6.8	400	13,900	5.6
State Total	15,000	13,265	199.0	15,000	14,593	219.0

County	1981			1982		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill	3,600	14,900	53.6	4,100	14,600	59.9
Clark	7,200	13,600	97.9	6,800	13,300	90.4
Douglas	2,200	15,000	33.0	2,200	14,700	32.3
Lyon	1,600	15,400	24.6	1,700	15,200	25.8
Washoe	600	14,000	8.4	700	13,900	9.7
All others	400	13,700	5.5	500	13,800	6.9
State Total	15,600	14,295	223.0	16,000	14,063	225.0

HONEY BEE COLONIES, HONEY & BEESWAX PRODUCTION
VALUE OF PRODUCTION, NEVADA 1974-82

Year	Colonies	Pounds Honey Produced		Beeswax Produced	Value of Production				Honey Stocks
					Honey		Beeswax		
	Thou.	Per Colony	Total Thou. Pound	Thou. Pound	Dollars per Pound	Total Thou. Dollars	Dollars per Pound	Total Thou. Dollars	Dec. 15 Thou. Pound
1974	7	100	700	12	.502	551	1.23	15	35
1975	8	55	440	6	.580	255	1.10	7	132
1976	9	55	495	7	.533	264	1.15	8	20
1977	10	55	550	9	.572	315	1.75	16	193
1978	9	40	360	6	.602	217	1.85	11	108
1979	12	35	420	6	.603	253	1.89	11	105
1980	11	60	660	13	.720	475	1.67	22	231
1981	12	35	420	7	.750	315	1.90	13	88
1982	Discontinued								

CHICKENS AND EGGS

Total chickens on Nevada farms and ranches were estimated at 15,000 birds on December 1, 1982. This was up 15 percent from both a year earlier and December 1, 1980. Of the total chickens, 10,000 birds were of laying age on December 1, 1982.

Total value of chickens in Nevada on December 1, 1982 came to $30,000 which was the same as a year earlier. Value per bird, at $2.00, was down 30 cents from a year earlier.

CHICKENS ON FARMS, DECEMBER 1, 1980-82 1/

Species	Nevada				United States			
	1980	1981	1982	82 as % of 81	1980	1981	1982	82 as % of 81
	Thousand Head			Percent	Thousand Head			Percent
Total Chickens:	13	13	15	115	392,110	384,838	378,509	98
Laying Age . :	10	10	10	100	294,223	293,454	288,868	98
Hens. . . . :	8	8	8	100	122,038	128,814	133,103	103
Pullets . . :	2	2	2	100	172,185	164,640	155,765	95
All Others. . :	3	3	5	167	97,887	91,384	89,641	98

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1980-82 1/

Value	Nevada			United States		
	1980	1981	1982	1980	1981	1982
Per Head. . . . . :	2.45	2.30	2.00	1.88	1.89	1.85
Total thou. dol.. :	32	30	30	738,646	727,188	701,273

1/ Excludes commercial broilers

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA 1980-82

Quarter	Layers			Eggs per 100 Layers 1/			Total Production		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Thousands			Number			Thousands		
Dec 2/ - Feb.	10.0	10.0	10.0	3,868	4,000	3,996	387	360	405
March - May	10.0	10.0	10.0	4,692	5,000	5,060	469	451	506
June - Aug.	10.0	10.0	10.0	4,600	5,000	4,876	460	460	488
Sept. - Nov.	10.0	10.0	10.0	3,822	3,822	3,913	382	391	391
Total 3/	10.0	10.0	10.0	180	180	180	1,698	1,662	1,790

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1980-82

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of home Consumption	Gross Income
	Million Eggs			Cents	Thousand Dollars		
1980	1.8	.8	1.0	50.0	42	33	75
1981	1.8	.8	1.0	55.6	46	37	83
1982	1.8	.8	1.0	51.9	43	35	78

NEVADA MIDMONTH PRICES RECEIVED, 1979-82, (Dollars)

Commodity	Unit	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wtd. Av.1/
Beef Cattle	Cwt.	1979	57.80	65.20	68.80	69.80	70.20	64.40	61.00	59.40	63.40	61.60	63.40	63.40	63.60
		1980	63.40	65.40	64.40	57.80	57.80	58.60	59.40	61.40	59.80	62.40	60.80	61.40	61.40
		1981	57.00	57.40	54.60	56.50	50.90	49.90	52.20	50.70	49.80	48.40	47.30	40.00	51.30
		1982	41.20	44.80	46.10	46.90	46.60	46.40	45.50	48.80	44.90	43.90	44.20	36.50	44.40
Steers & Heifers	Cwt.	1979	61.00	69.00	73.00	74.00	74.00	68.00	65.00	63.00	68.00	66.00	68.00	68.00	67.70
		1980	68.00	70.00	69.00	62.00	62.00	63.00	64.00	66.00	64.00	67.00	65.00	66.00	65.90
		1981	66.00	64.00	61.80	63.20	58.40	58.30	60.30	59.40	57.70	56.10	54.90	53.90	59.70
		1982	50.70	57.10	57.80	56.80	57.40	56.80	52.00	64.30	55.60	55.10	54.70	53.00	56.00
Cows	Cwt.	1979	45.00	50.00	52.00	53.00	55.00	50.00	45.00	45.00	45.00	44.00	45.00	45.00	46.80
		1980	45.00	47.00	46.00	41.00	41.00	41.00	41.00	43.00	43.00	44.00	44.00	43.00	43.60
		1981	41.70	42.10	40.90	44.00	41.80	41.40	41.00	41.30	40.80	37.40	34.90	33.10	39.80
		1982	35.60	35.10	38.50	38.00	39.10	39.60	38.00	37.40	37.10	35.80	33.00	31.60	36.10
Calves	Cwt.	1979	77.00	86.00	94.00	94.00	90.00	75.00	74.00	73.00	84.00	85.00	85.00	80.00	84.20
		1980	82.00	84.00	82.00	70.00	70.00	66.00	64.00	70.00	75.00	72.00	70.00	69.00	72.90
		1981	67.90	68.00	68.00	70.40	63.60	62.90	55.20	57.90	59.20	60.40	60.10	57.90	63.10
		1982	58.70	60.10	61.80	62.80	59.20	62.90	58.00	57.60	57.80	60.20	58.70	56.70	59.60
Sheep	Cwt.	1979	18.00	18.00	18.00	18.00	19.00	19.00	18.00	18.00	18.00	18.00	18.00	18.00	18.10
		1980	18.00	19.00	18.00	18.00	18.00	17.00	17.00	17.00	16.00	16.00	16.00	16.00	16.90
		1981	19.20	20.20	20.50	16.70	17.00	17.80	17.90	18.00	16.00	18.30	19.80	20.00	18.00
		1982	13.40	17.80	22.30	16.90	13.50	16.80	13.30	14.10	12.20	13.60	9.10	16.10	13.80
Lambs	Cwt.	1979	64.00	66.00	64.00	69.00	67.00	60.00	58.00	55.00	59.00	59.00	61.00	60.00	61.50
		1980	61.00	59.00	60.00	55.00	55.00	60.00	62.00	62.00	63.00	63.00	61.00	60.00	60.70
		1981	50.60	56.00	49.00	58.00	58.30	62.40	60.50	51.50	51.10	49.50	50.20	48.70	53.80
		1982	38.40	39.10	38.90	2/	48.50	51.20	44.40	44.90	41.00	40.10	37.20	38.80	42.90
Alfalfa Hay	Ton	1979	58.00	59.00	61.00	65.00	70.00	72.00	73.00	78.00	79.00	83.00	86.00	92.00	N/A
		1980	94.00	96.00	100.00	104.00	100.00	97.00	99.00	97.00	98.00	97.00	98.00	97.00	N/A
		1981	97.00	99.00	93.00	90.00	85.00	84.00	80.00	74.00	70.00	70.00	75.00	74.00	N/A
		1982	74.00	74.00	74.00	79.00	84.00	86.00	82.00	90.00	90.00	95.00	95.00	92.00	N/A
Other Hay	Ton	1979	43.00	45.00	47.00	51.00	56.00	56.00	58.00	62.00	62.00	66.00	69.00	75.00	N/A
		1980	77.00	79.00	79.00	79.00	78.00	78.00	80.00	78.00	80.00	78.00	75.00	78.00	N/A
		1981	78.00	80.00	74.00	71.00	68.00	67.00	65.00	60.00	55.00	55.00	60.00	60.00	N/A
		1982	60.00	60.00	60.00	65.00	70.00	75.00	70.00	78.00	78.00	83.00	80.00	77.00	N/A
All Hay	Ton	1979	53.50	54.50	56.50	60.50	65.50	67.00	68.50	73.00	74.00	78.00	81.00	87.00	82.00
		1980	89.00	91.00	93.50	96.00	93.00	91.00	93.00	91.00	92.50	91.00	89.00	91.00	90.50
		1981	91.00	93.00	87.00	84.00	80.00	79.00	75.00	70.00	65.00	65.00	70.00	70.00	70.00
		1982	70.00	70.00	70.00	75.00	80.00	83.00	78.00	86.00	86.00	91.00	90.00	87.00	86.00

1/ Average for crops based on crop year marketing season -- livestock and products based on calendar year.

2/ Insufficient sales to establish price.

CONSUMPTION BY KIND OF FERTILIZER, NEVADA, YEARS ENDED JUNE 30, 1980-82

Kind of Fertilizer	1980	1981	1982
		Tons	
Anhydrous Ammonia	556	525	371
Ammonium nitrate	847	333	232
Ammonium sulphate	1,978	3,015	3,361
Nitrogen solution	3,221	3,021	4,193
Urea	516	440	410
Other nitrogen materials	1,442	2,643	603
Ammonium phosphates	3,757	2,722	2,645
Superphosphate	2,427	1,483	977
Other phosphates	13	22	2
Potash materials	27	32	448
Gypsum	6,604	6,776	8,369
Other secondary and micronutrients	558	281	765
Natural organics	2,491	1,899	1,752
Total direct-application material	24,437	23,192	24,128
Total commercial mixtures	5,228	6,122	5,812
Total all kinds of fertilizer.	29,665	29,314	29,940

AVERAGE PRICES PAID BY FARMERS AND RANCHERS FOR FEED, NEVADA, 1979-1982

Commodity	Unit	1979	1980	1981	1982
			Dollars		
Feed:					
Dairy feed, 14%	Ton	162.00	173.00	198.00	194.00
Dairy feed, 16%	"	179.00	195.00	230.00	226.00
Bran.	Cwt.	9.60	11.70	13.80	12.70
Cottonseed meal, 41%.	"	14.50	15.80	19.40	17.90
Stock salt.	"	4.10	4.70	5.30	5.30

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA 1980-82

Item	1980		1981		1982	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves	121,043	49.1	89,395	41.8	124,001	51.5
Dairy Products.	27,178	11.0	29,212	13.6	29,260	12.1
Sheep & Lambs (Including Wool).	8,072	3.3	12,585	5.9	10,958	4.5
All other Livestock & Products.	2,103	.9	1,793	.8	1,921	.8
Total Livestock & Products. .	158,396	64.3	132,985	62.1	166,140	68.9
All Hay	42,289	17.2	32,901	15.3	34,887	14.5
Alfalfa Seed.	9,359	3.8	9,996	4.7	4,778	2.0
Potatoes.	21,998	8.9	18,816	8.8	15,719	6.5
Food & Feed Grains.	7,855	3.2	7,459	3.5	9,371	3.9
Vegetables.	5,325	2.1	10,414	4.9	8,723	3.6
Cotton, lint & seed	417	.2	423	.2	548	.2
All other Crops	832	.3	1,135	.5	950	.4
Total Crops	88,075	35.7	81,144	37.9	74,976	31.1
Total All Commodities	246,471	100.0	214,129	100.0	241,116	100.0

PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1980-1982 1/

Item	1980	1981	1982
	- - - Million Dollars - -		
Feed	26.5	23.8	21.4
Livestock	24.1	18.5	13.5
Seed	3.0	2.1	2.2
Fertilizer and lime	6.1	5.8	5.4
Repair and operation of capital items	32.9	36.0	35.4
Hired labor	26.4	26.6	31.6
Miscellaneous	47.9	53.1	55.6
Total current farm operating expenses	166.8	165.9	165.0
Depriciation and other consumption of farm capital	42.3	42.6	47.1
Taxes on farm property	6.1	5.3	5.2
Interest on farm mortgage debt	21.5	24.1	25.8
Net rent to nonfarm landlords	5.1	5.1	5.6
Total Production Expense	241.8	243.0	248.8

FARM INCOME DOWN 25 PERCENT IN 1982

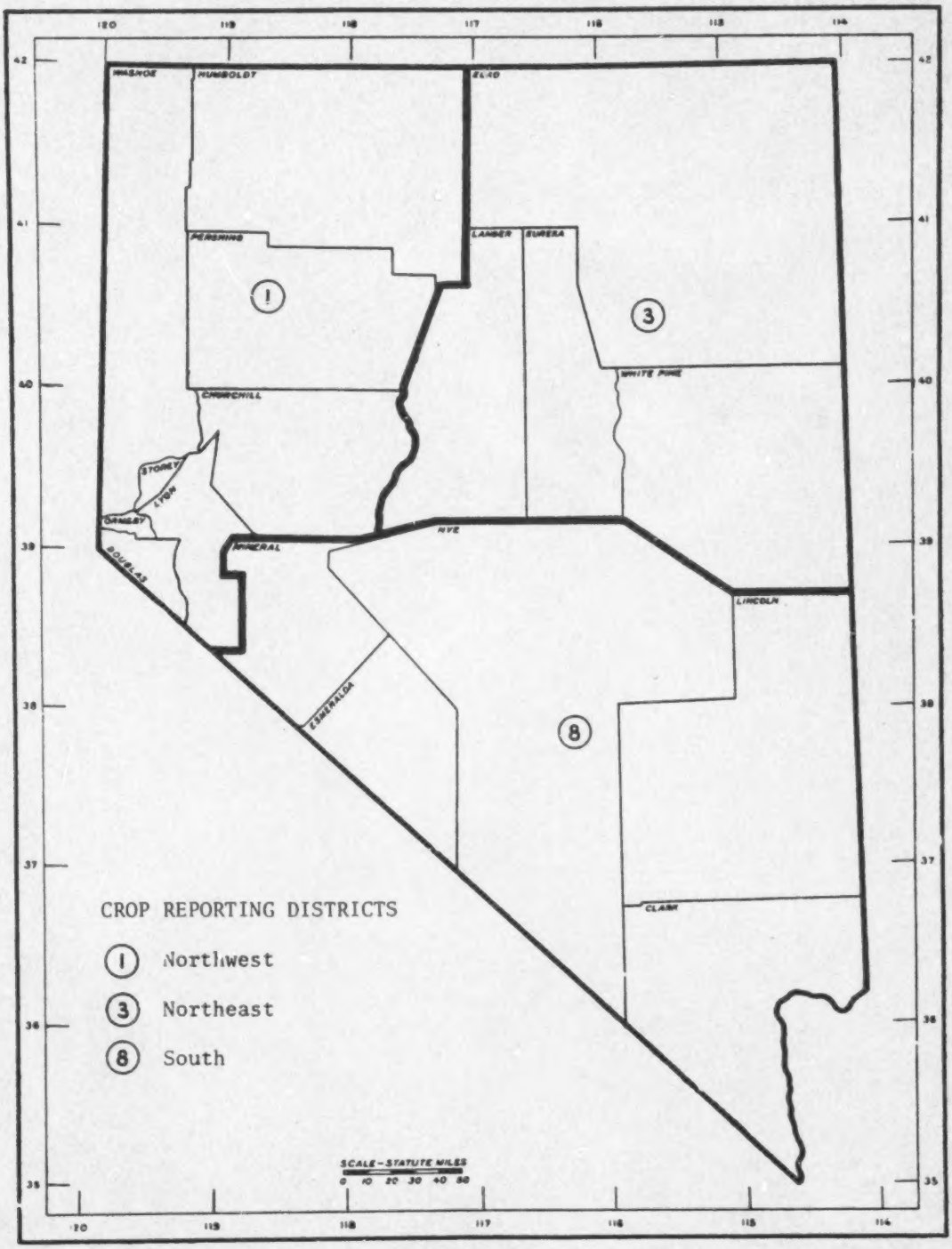
Total net farm income declined from 1981 to 1982. Net change in farm inventories and increases in farm production expenses were responsible for this relatively sharp drop.

FARM INCOME, NEVADA, 1980-82 1/

Item	1980	1981	1982
	- - - - Million Dollars - - -		
Realized gross farm income			
Cash receipts from farm marketings	246.5	214.1	241.1
Government payments	1.3	3.7	4.4
Nonmoney income	32.0	33.3	34.8
Other farm income	2.9	3.5	3.7
Total gross farm income	282.7	254.7	284.0
Farm production expenses	241.8	243.0	248.8
Realized net farm income	40.9	11.7	35.2
Net change in farm inventories	+19.9	+20.4	-11.1
Total net farm income	60.8	32.0	24.1

1/ Details may not add to totals due to rounding.

NEVADA COUNTIES AND CROP REPORTING DISTRICTS



BEST AVAILABLE COPY